

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091323\
 Data File : VW032080.D
 Acq On : 13 Sep 2023 16:39
 Operator : SY/MD
 Sample : 04330-07ME
 Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYX8ME

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

Quant Time: Sep 14 06:24:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 14 06:19:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	292396	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	278369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	148709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60829	33.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.480%
7) Chloroethane-d5	1.503	69	16653	10.381	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.760%#
11) 1,1-Dichloroethene-d2	2.031	65	25925	30.256	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.520%
21) 2-Butanone-d5	3.809	46	128443	89.245	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.240%
24) Chloroform-d	4.249	84	131185	32.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.600%#
26) 1,2-Dichloroethane-d4	4.944	65	88687	33.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.820%#
32) Benzene-d6	4.957	84	267399	35.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.400%
36) 1,2-Dichloropropane-d6	5.992	67	93193	38.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.240%
41) Toluene-d8	7.246	98	235588	33.661	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.320%#
43) trans-1,3-Dichloroprop...	7.561	79	41619	32.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.680%
47) 2-Hexanone-d5	8.043	63	81671	108.990	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.990%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	128291	40.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.220%
66) 1,2-Dichlorobenzene-d4	11.567	152	97021	35.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.580%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.211	76	4927	1.411	ug/L	95
20) cis-1,2-Dichloroethene	3.812	96	6246	2.963	ug/L	98
33) Benzene	5.008	78	5798	0.775	ug/L	100
34) Trichloroethene	5.838	95	3058	1.337	ug/L	82
35) Methylcyclohexane	6.047	83	4766m	1.566	ug/L	
42) Toluene	7.330	91	13333	1.621	ug/L	98
52) Ethylbenzene	8.956	91	41142	4.221	ug/L	100
53) m,p-Xylene	9.079	106	42686	11.796	ug/L	99
54) o-Xylene	9.487	106	17446	4.847	ug/L	98
60) Isopropylbenzene	9.876	105	7730	0.776	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	12312	1.469	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	57232	6.789	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

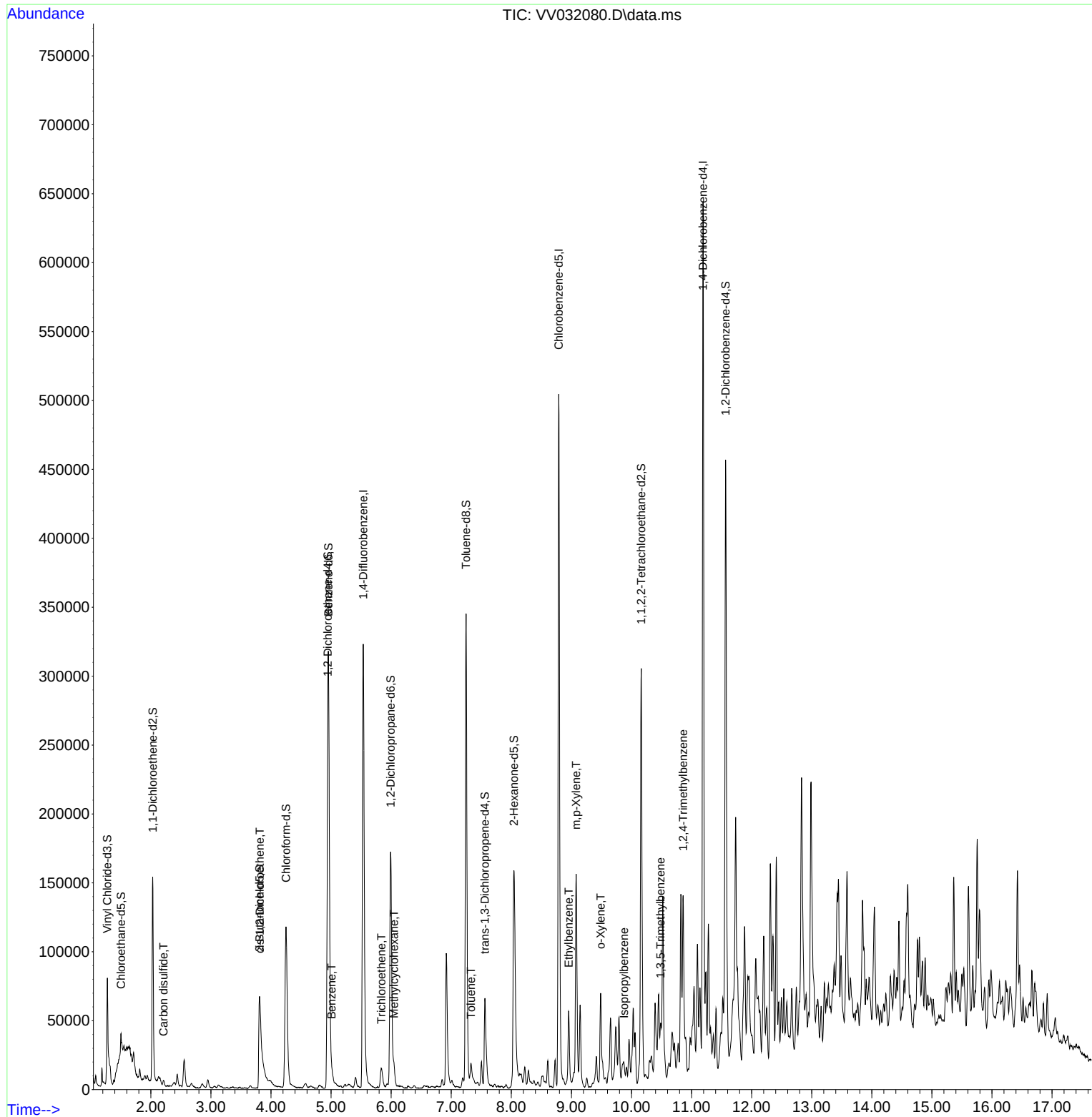
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
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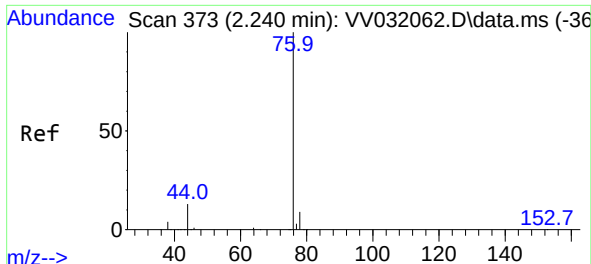
Instrument :
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ClientSampleId :
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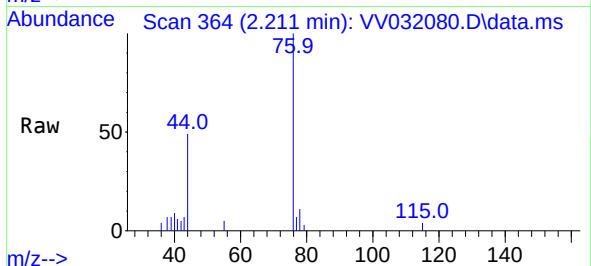
Quant Time: Sep 14 06:24:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 14 06:19:55 2023
Response via : Initial Calibration





#14
Carbon disulfide
Concen: 1.411 ug/L
RT: 2.211 min Scan# 30
Delta R.T. -0.029 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

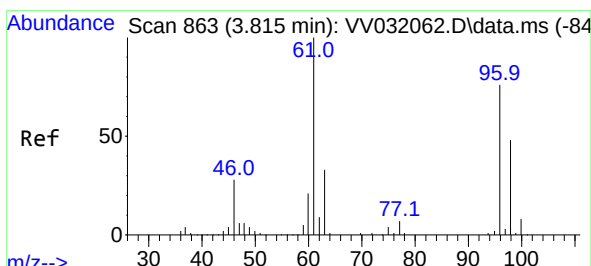
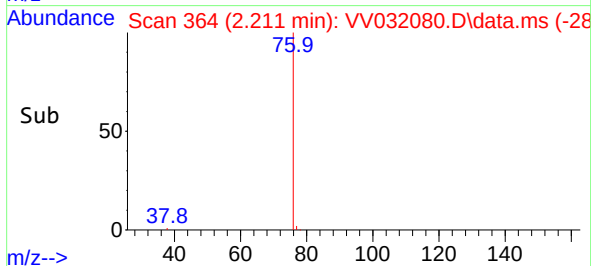
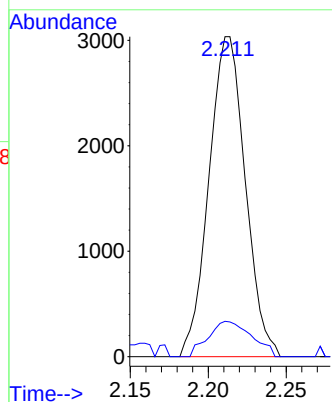
Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME



Tgt Ion: 76 Resp: 492
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0

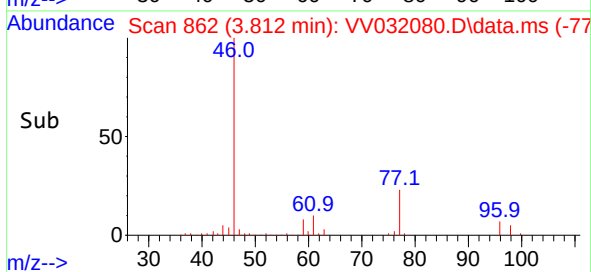
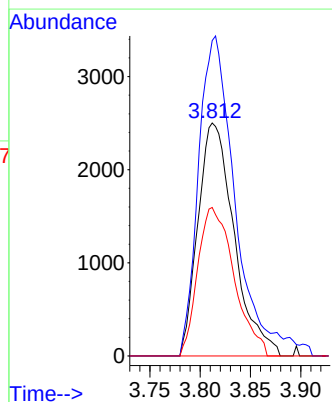
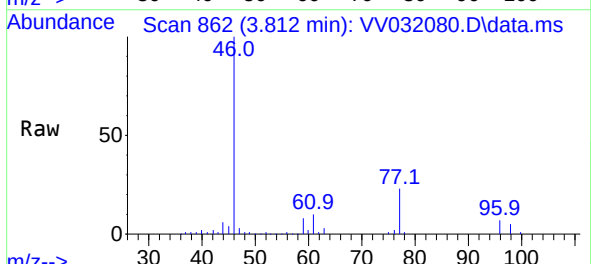
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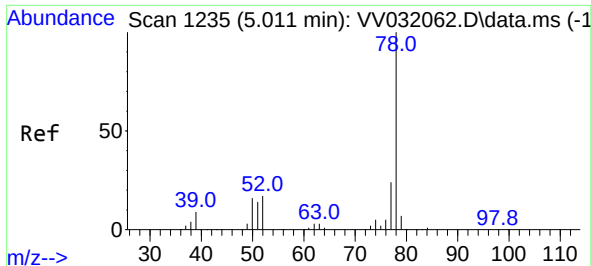
Reviewed By :Mahesh Dadoda 09/16/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#20
cis-1,2-Dichloroethene
Concen: 2.963 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Tgt Ion: 96 Resp: 6246
Ion Ratio Lower Upper
96 100
61 135.3 97.3 180.7
98 63.7 45.3 84.1





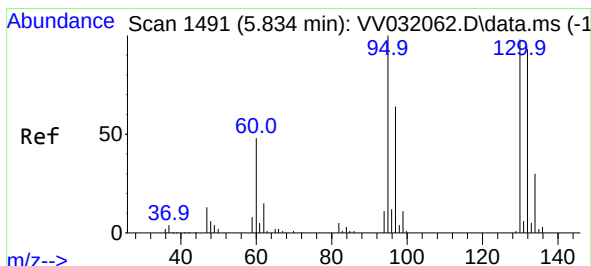
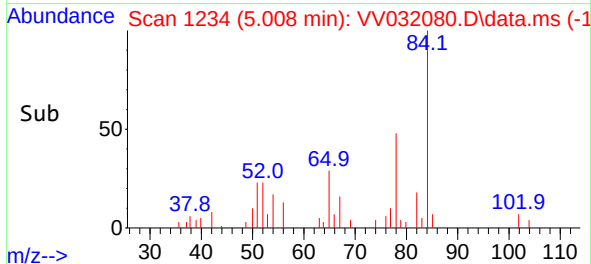
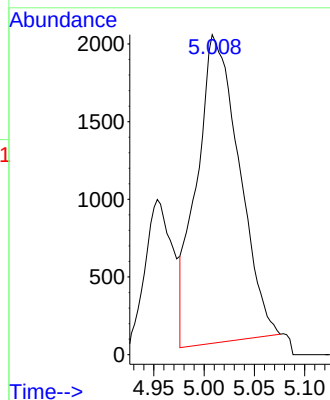
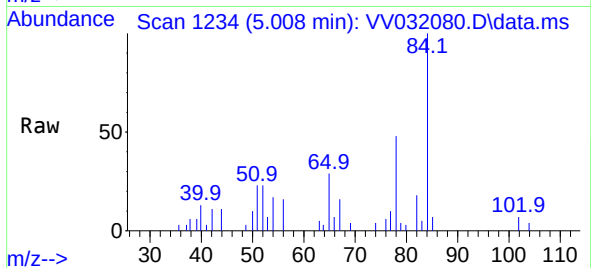
#33
Benzene
Concen: 0.775 ug/L
RT: 5.008 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

Tgt Ion: 78 Resp: 5798

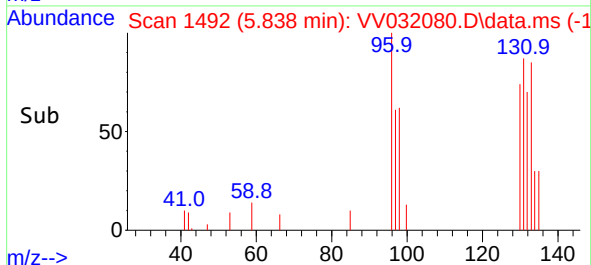
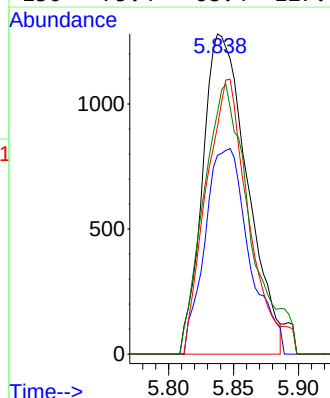
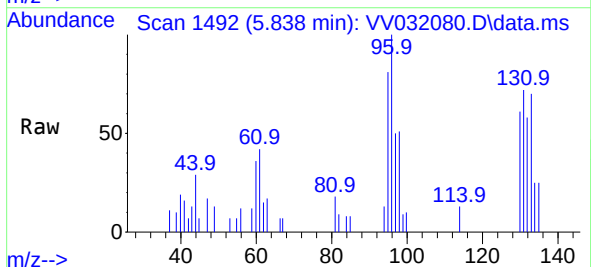
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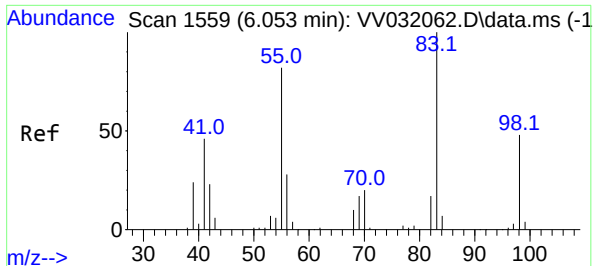
Reviewed By :Mahesh Dadoda 09/16/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#34
Trichloroethene
Concen: 1.337 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Tgt Ion: 95 Resp: 3058
Ion Ratio Lower Upper
95 100
97 62.1 45.4 84.2
132 71.1 65.4 121.4
130 75.4 68.4 127.0





#35

Methylcyclohexane

Concen: 1.566 ug/L

RT: 6.047 min Scan# 1559

Delta R.T. -0.006 min

Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Instrument :

MSVOA_V

ClientSampleId :

EZYX8ME

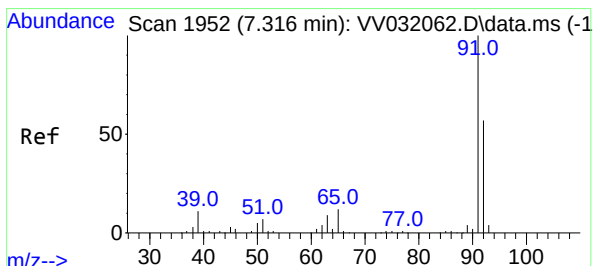
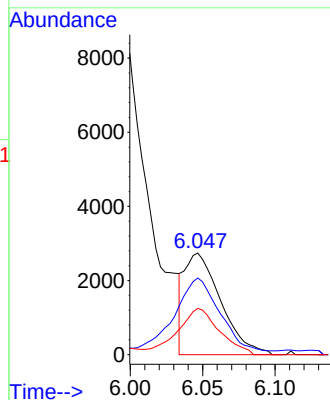
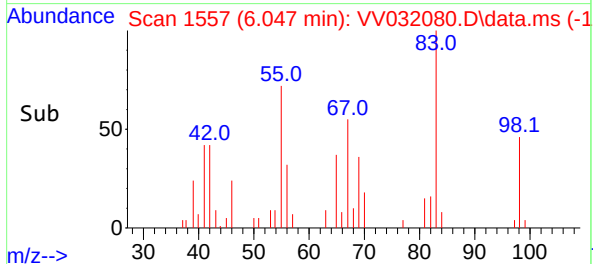
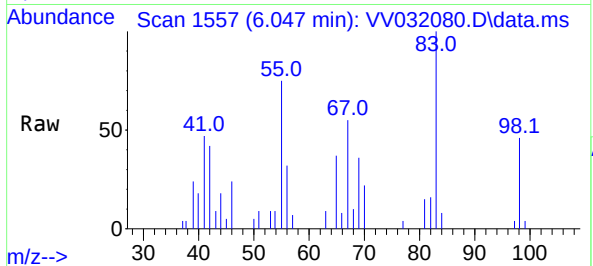
Tgt Ion: 83 Resp: 4760

Ion	Ratio	Lower	Upper
83	100		
55	2.4	62.2	93.2
98	6.9	36.7	55.1

Manual Integrations

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#42

Toluene

Concen: 1.621 ug/L

RT: 7.330 min Scan# 1956

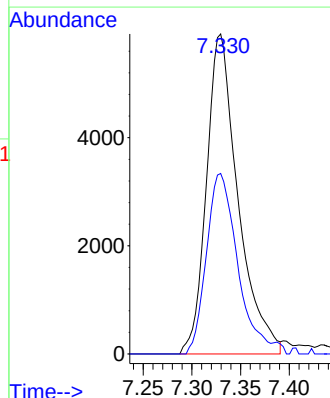
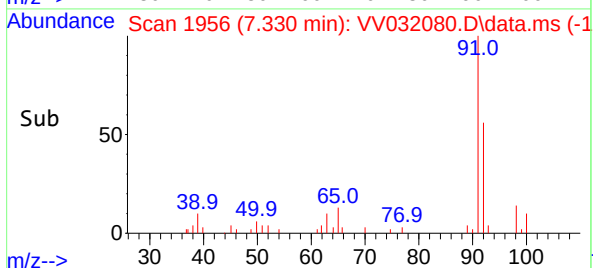
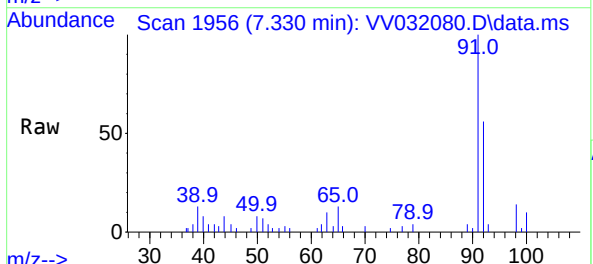
Delta R.T. 0.013 min

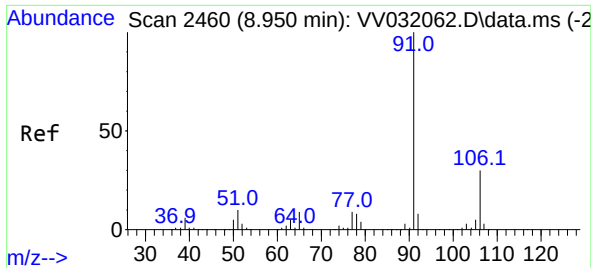
Lab File: VV032080.D

Acq: 13 Sep 2023 16:39

Tgt Ion: 91 Resp: 13333

Ion	Ratio	Lower	Upper
91	100		
92	56.4	40.7	75.7





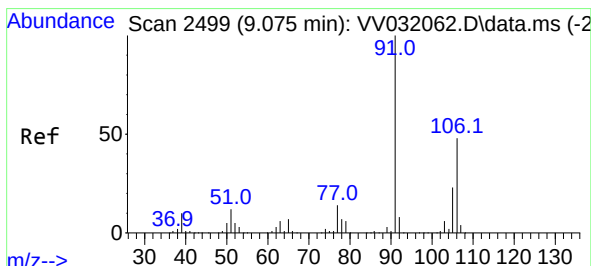
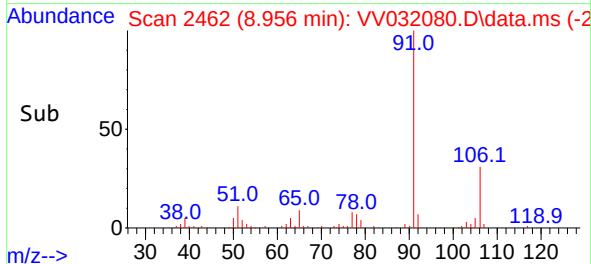
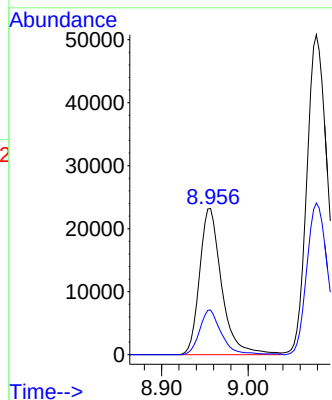
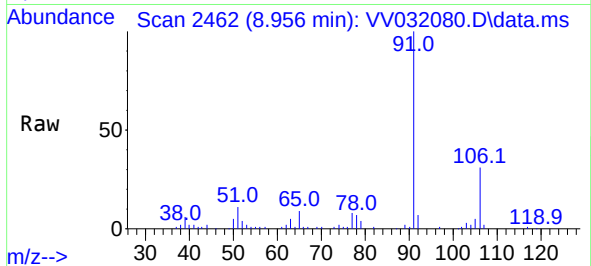
#52
Ethylbenzene
Concen: 4.221 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

Tgt Ion: 91 Resp: 4114
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9

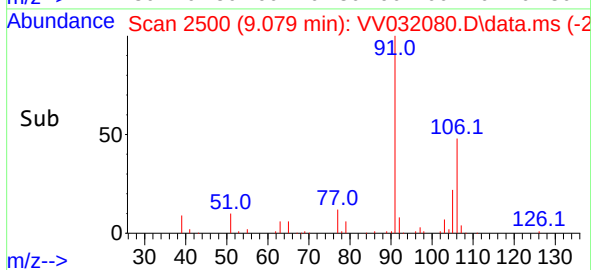
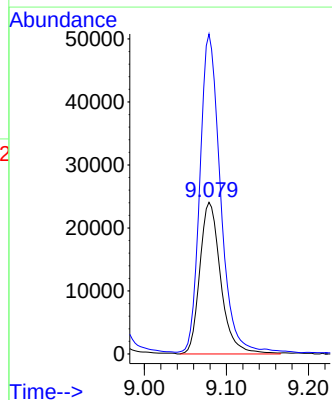
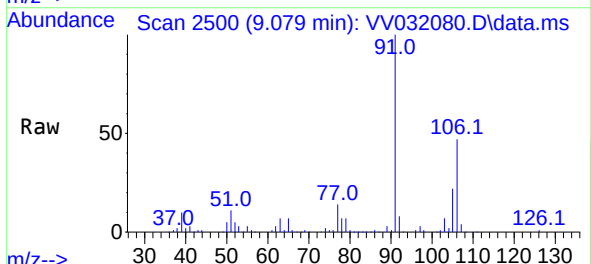
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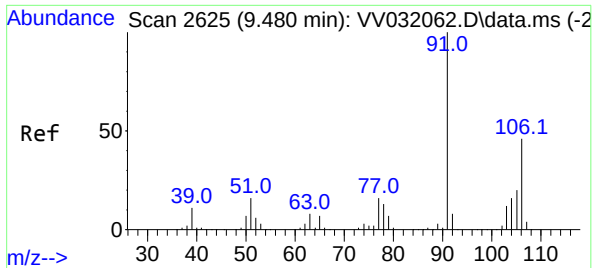
Reviewed By :Mahesh Dadoda 09/16/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#53
m,p-Xylene
Concen: 11.796 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Tgt Ion:106 Resp: 42686
Ion Ratio Lower Upper
106 100
91 210.9 147.0 273.0





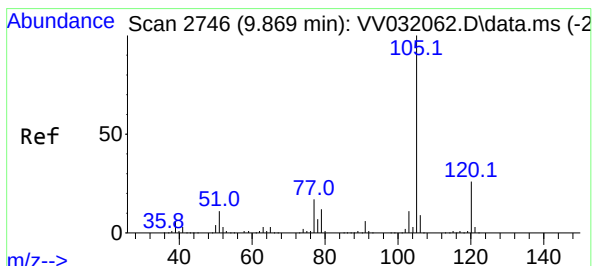
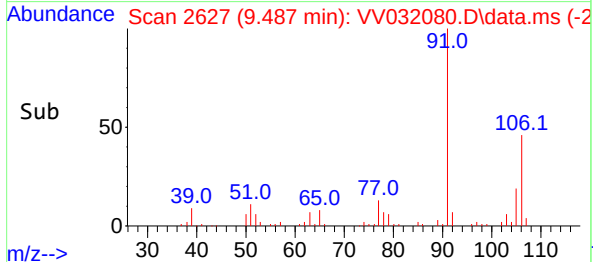
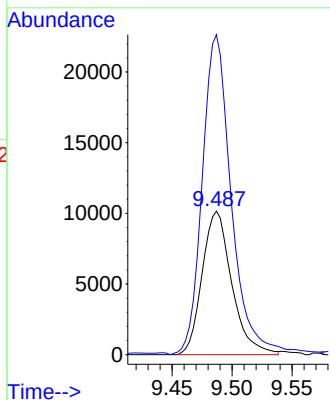
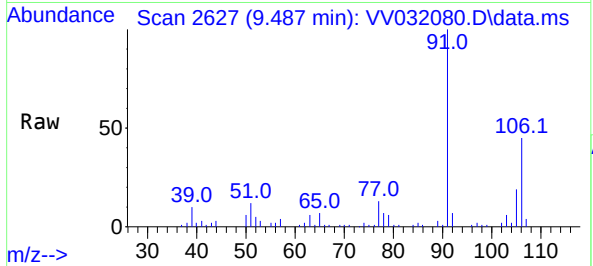
#54
o-Xylene
Concen: 4.847 ug/L
RT: 9.487 min Scan# 206
Delta R.T. 0.007 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

Tgt Ion:106 Resp: 1744
Ion Ratio Lower Upper
106 100
91 223.0 154.3 286.5

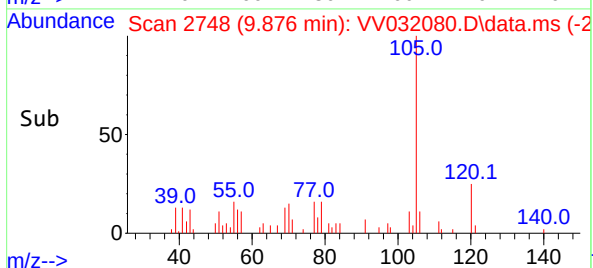
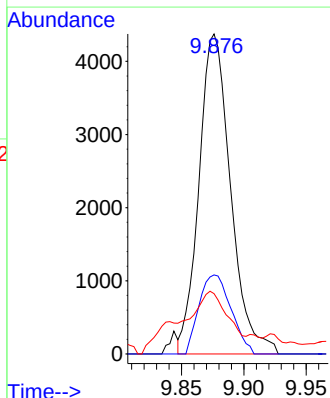
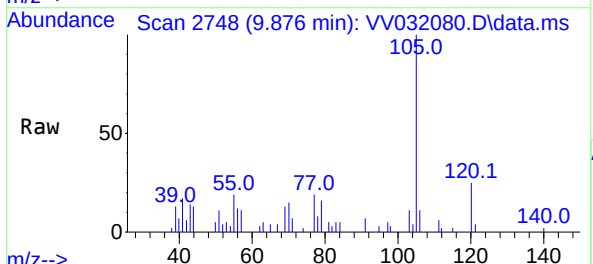
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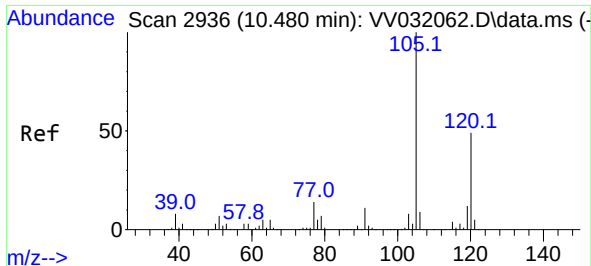
Reviewed By :Mahesh Dadoda 09/16/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#60
Isopropylbenzene
Concen: 0.776 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.007 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Tgt Ion:105 Resp: 7730
Ion Ratio Lower Upper
105 100
120 25.0 20.6 31.0
77 17.2 12.8 19.2





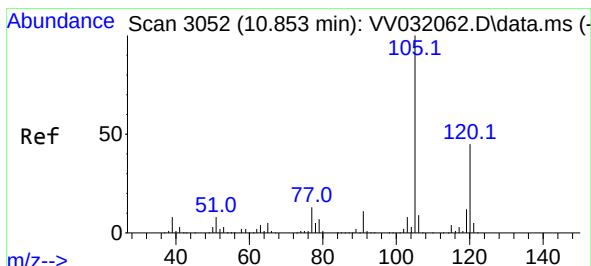
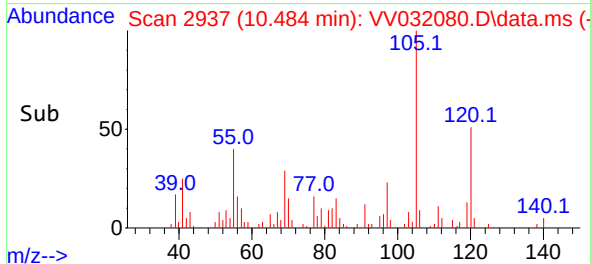
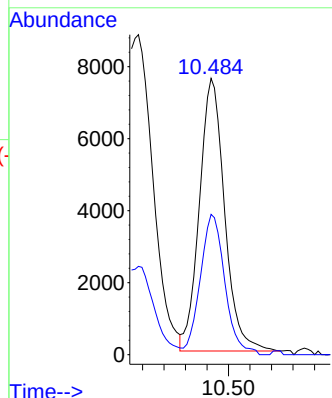
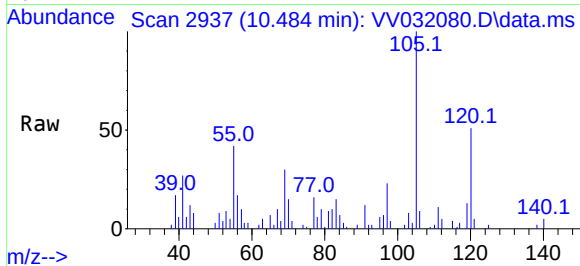
#62
1,3,5-Trimethylbenzene
Concen: 1.469 ug/L
RT: 10.484 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

Tgt Ion:105 Resp: 1231
Ion Ratio Lower Upper
105 100
120 50.0 38.2 57.4

Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/18/2023



#63
1,2,4-Trimethylbenzene
Concen: 6.789 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VV032080.D
Acq: 13 Sep 2023 16:39

Tgt Ion:105 Resp: 57232
Ion Ratio Lower Upper
105 100
120 46.6 35.9 53.9

